ABSTRACT OF THE DISCLOSURE

A splicing system includes a splicer for seamlessly splicing togther

digitally encoded data streams. In a preferred embodiment, the splicer

5 preferably parses successive splice buffers of data stream data for a splice-

out point and a splice-in point, closing an initial group of pictures GoP ~~GOP~~ if needed. The

preferred splicer further finds a new data stream real-time program clock reference PcR ~~PCR~~ value for

aligning new data stream decode/presentation, and aligns the new data

stream start time. Concurrently, the splicer preferably uses a frame table to

10 detect overflow and corrects such overflow by adding null packets, thereby

delaying portions of data stream data. The splicer also preferably restores

data stream encoding by deleting null packets, and thereby accelerating a

portion of data stream data. In a further preferred embodiment, the splicer

preferably uses a bit-clock schedule offset to delay or accelerate portions of

15 data stream data.

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